

1/23

FIG. 1

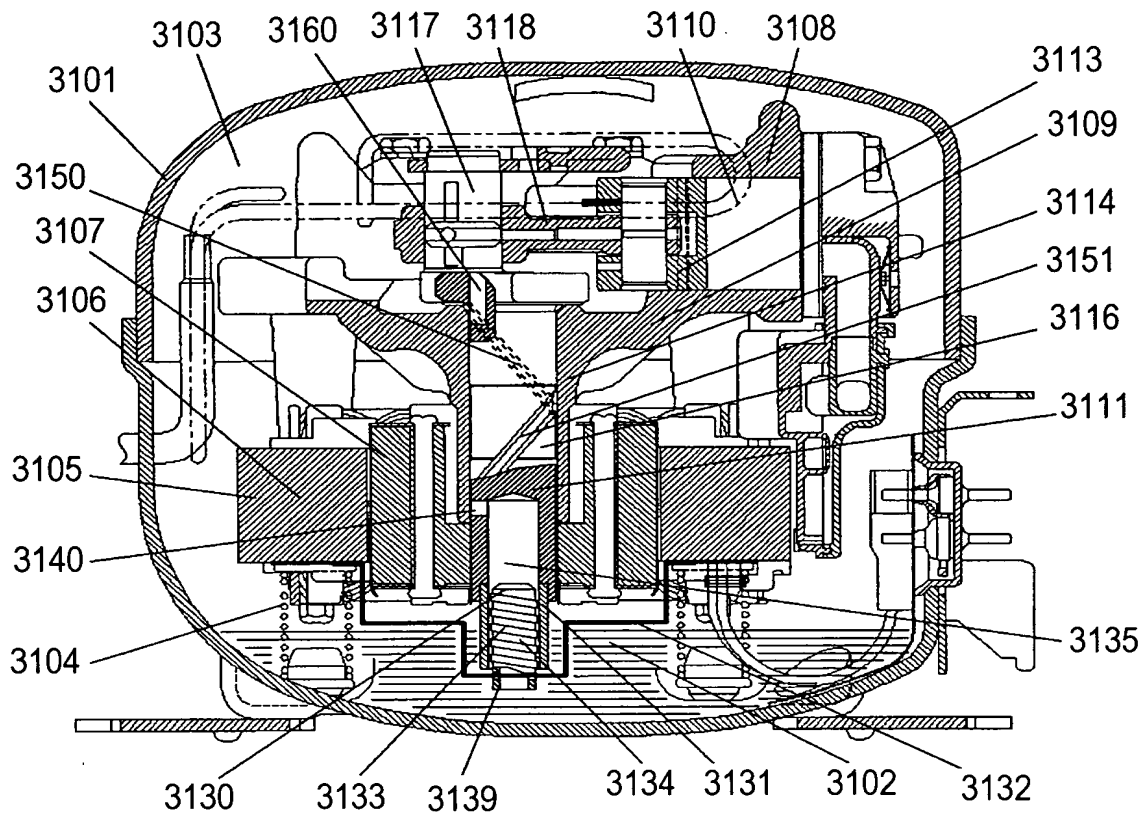
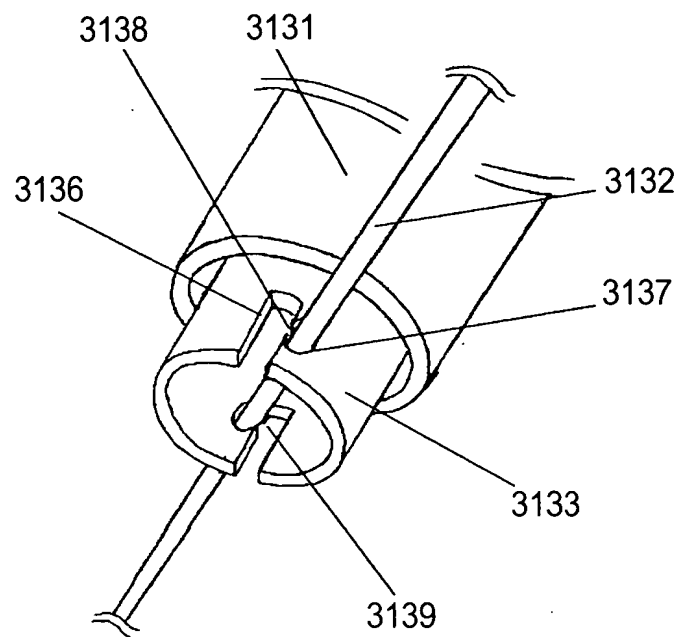


FIG. 2



2/23

FIG. 3

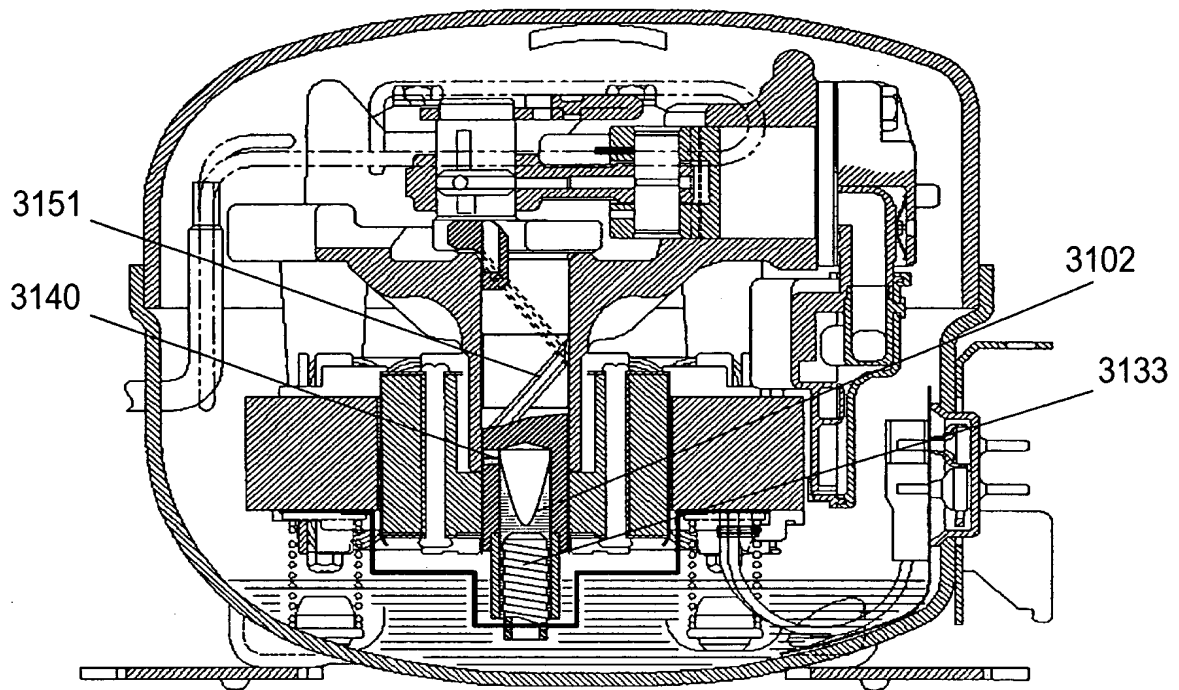
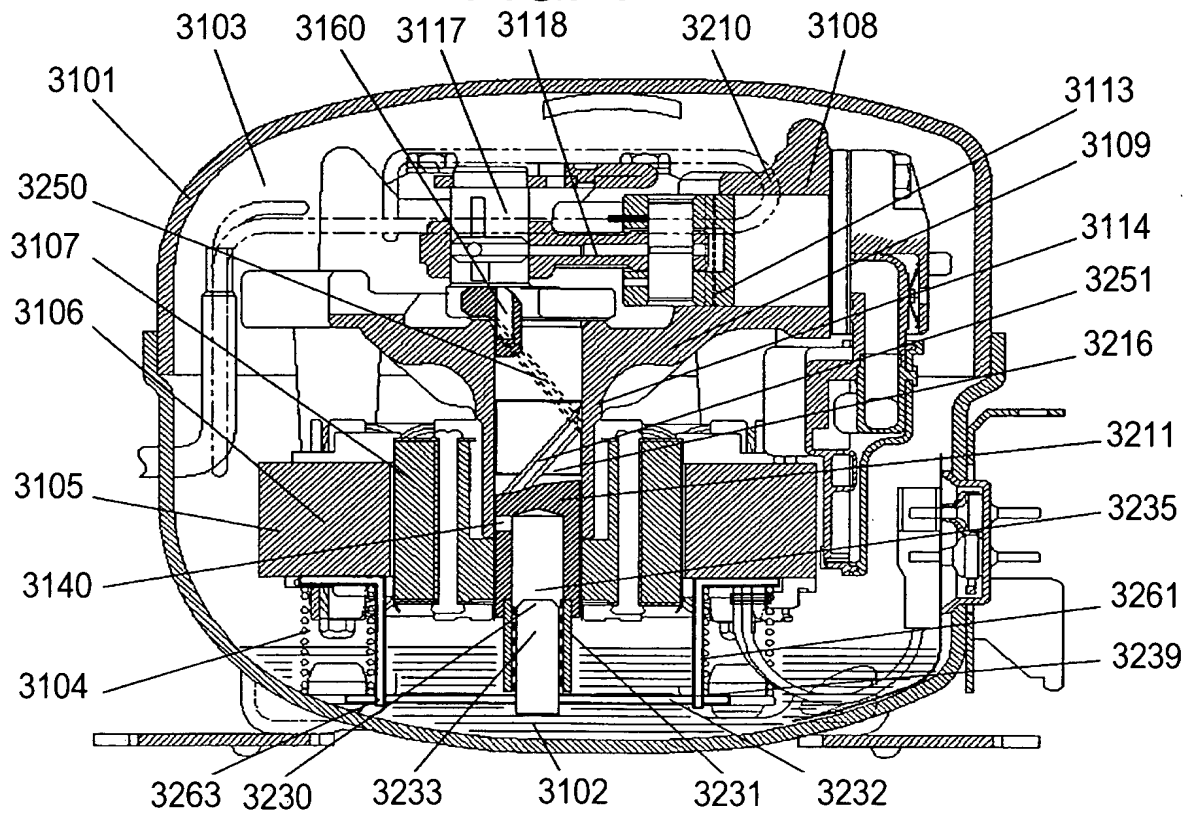


FIG. 4



3/23

FIG. 5

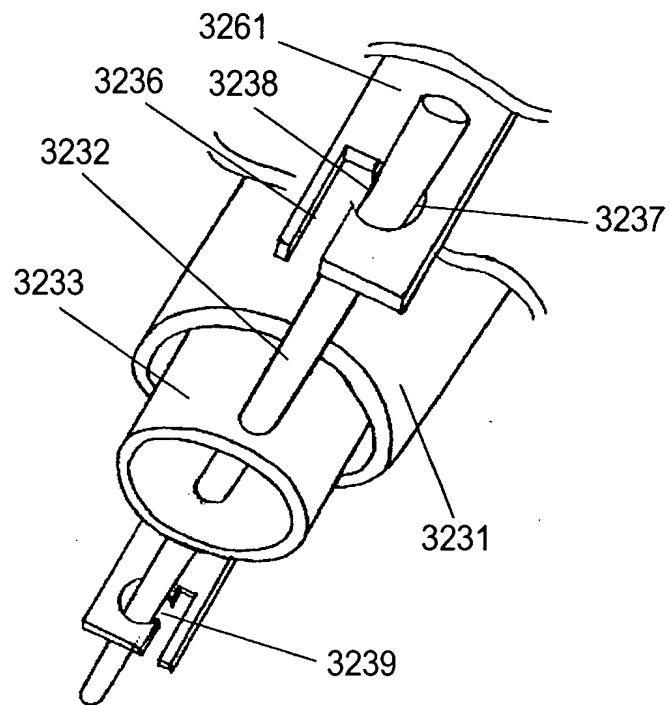
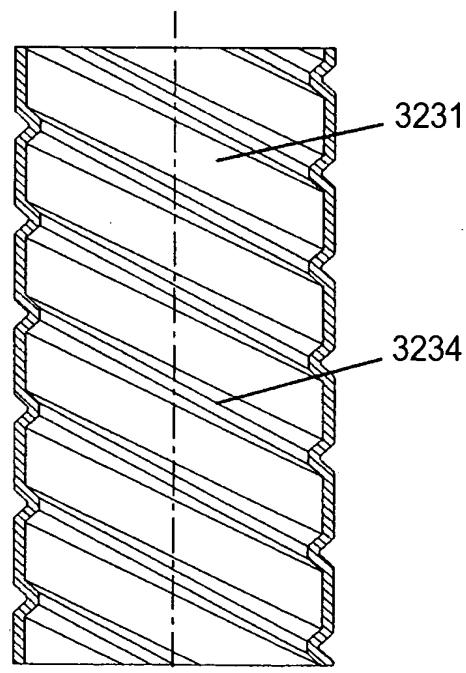


FIG. 6



4/23

FIG. 7

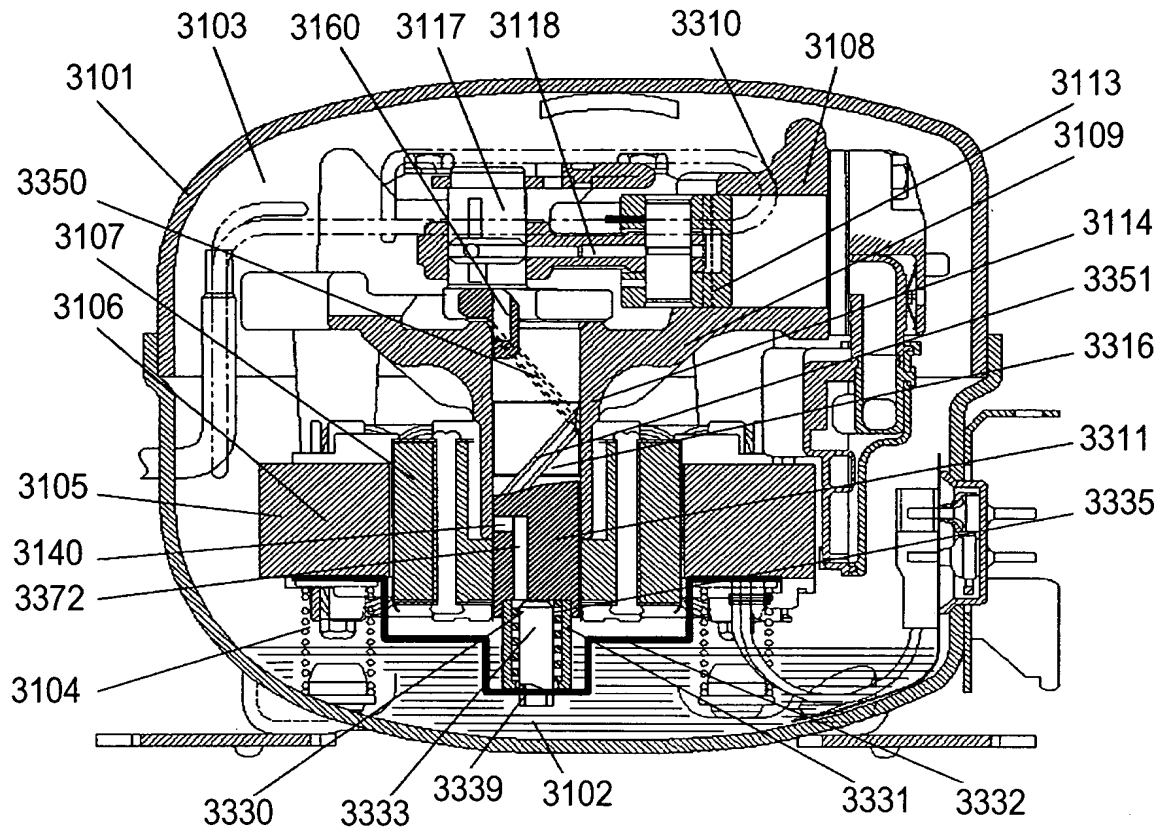
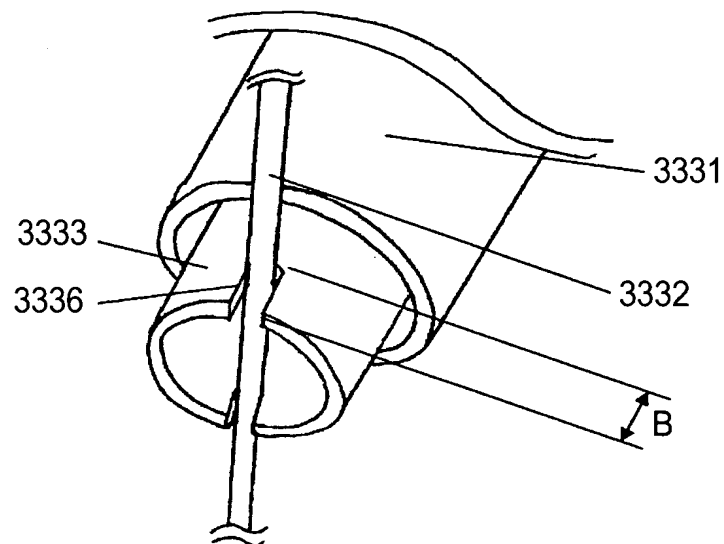
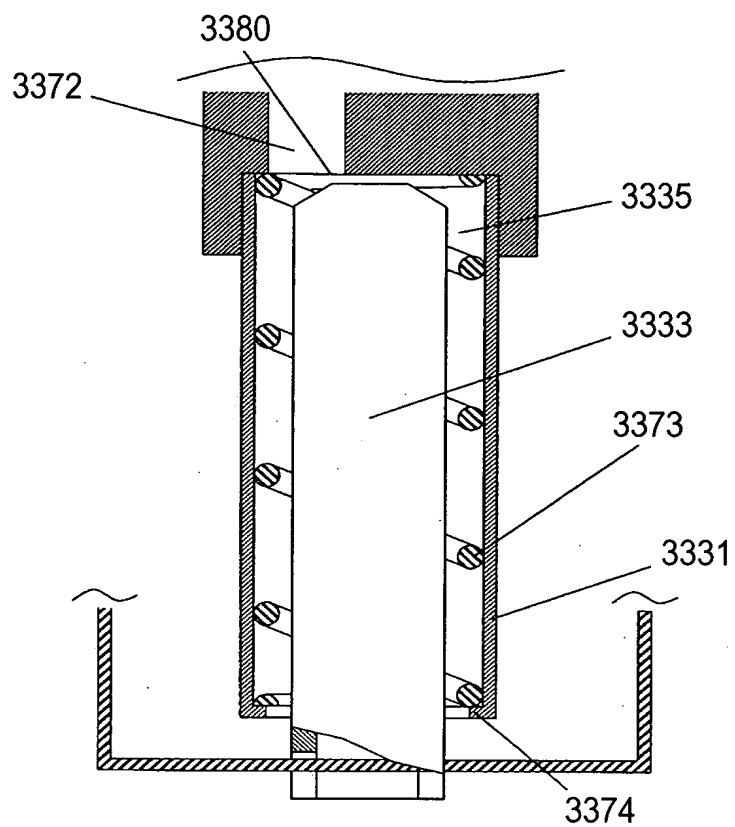


FIG. 8



5/23

FIG. 9



6/23

FIG. 10

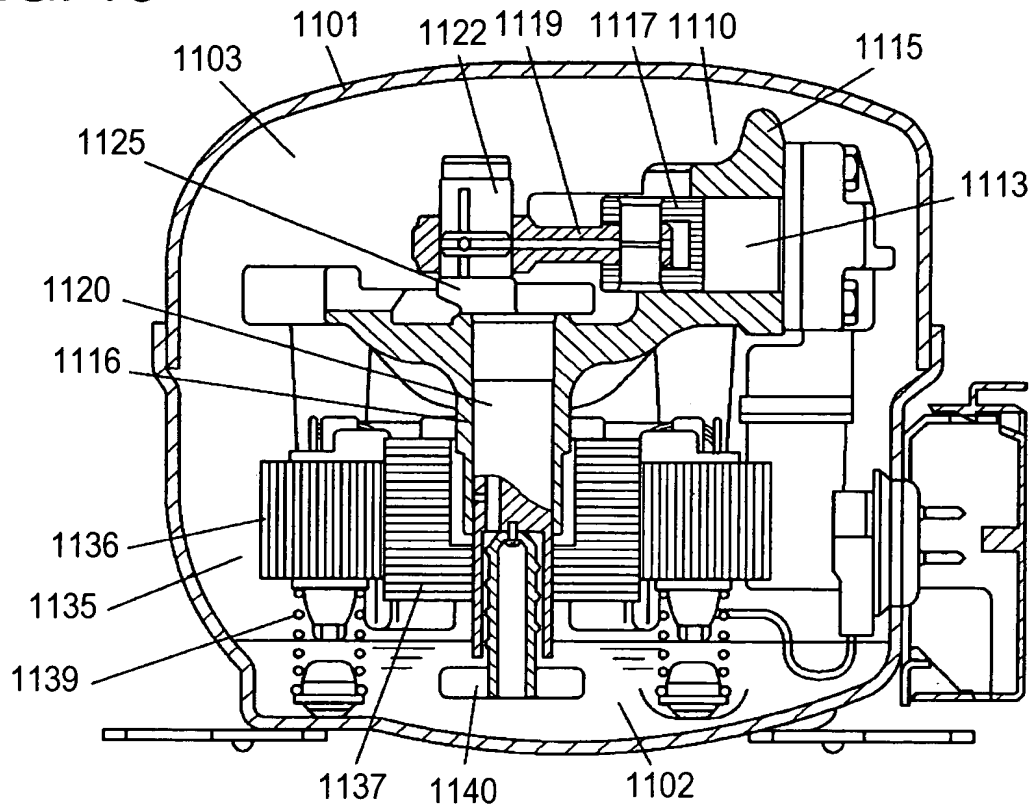


FIG. 11

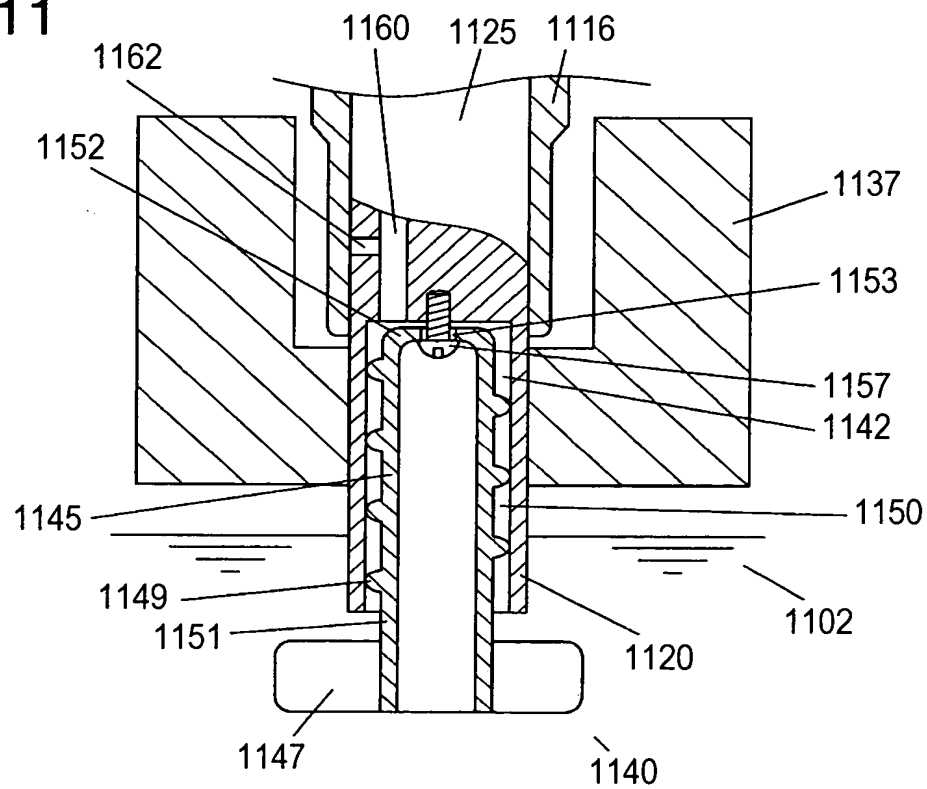


FIG. 12

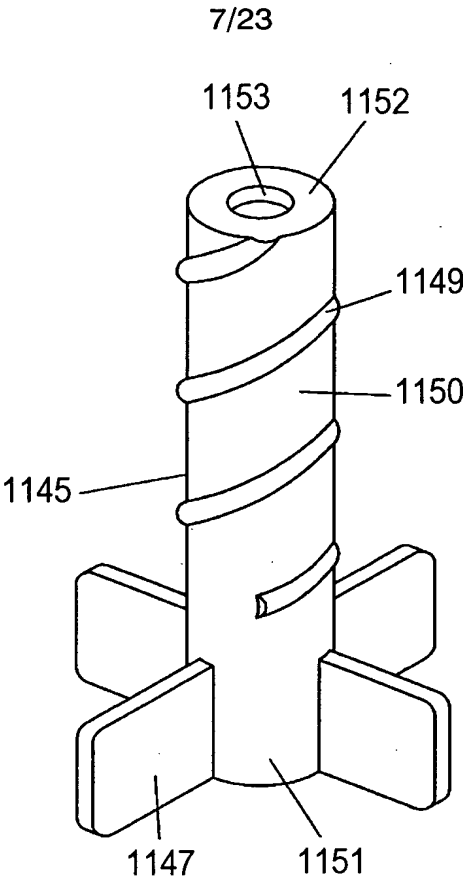


FIG. 13

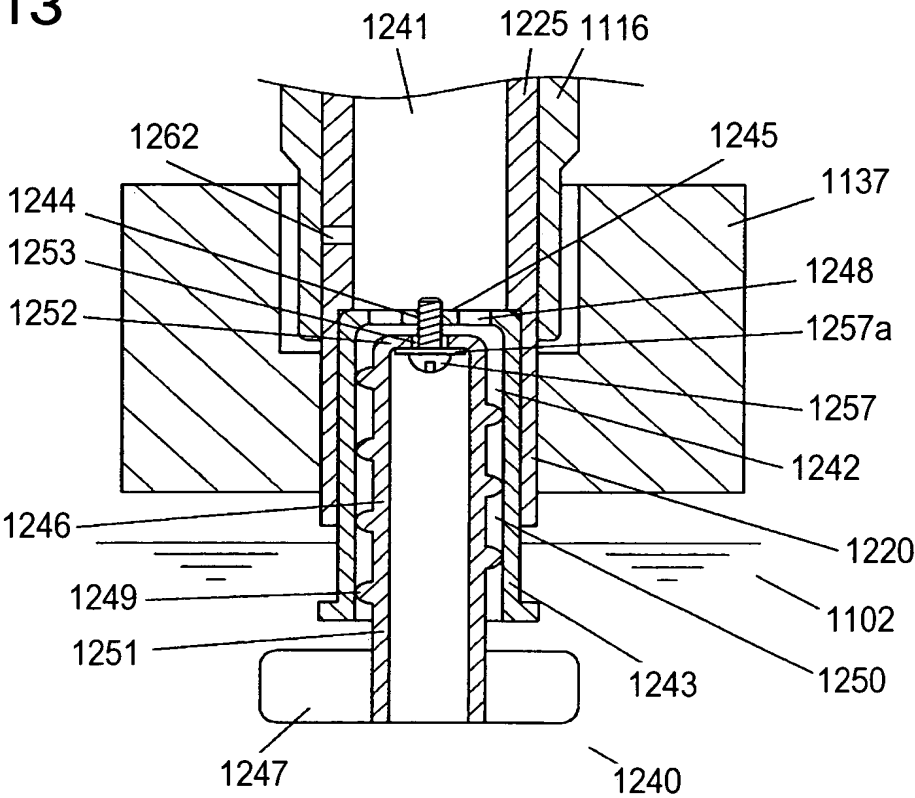


FIG. 14

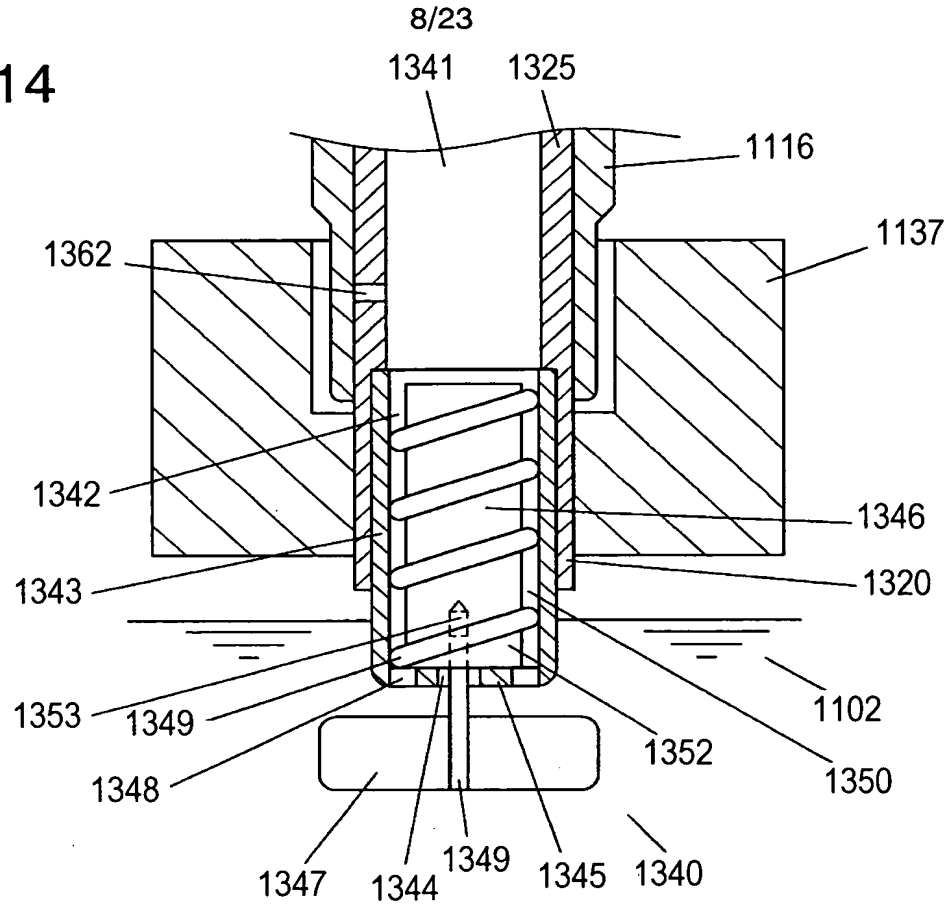
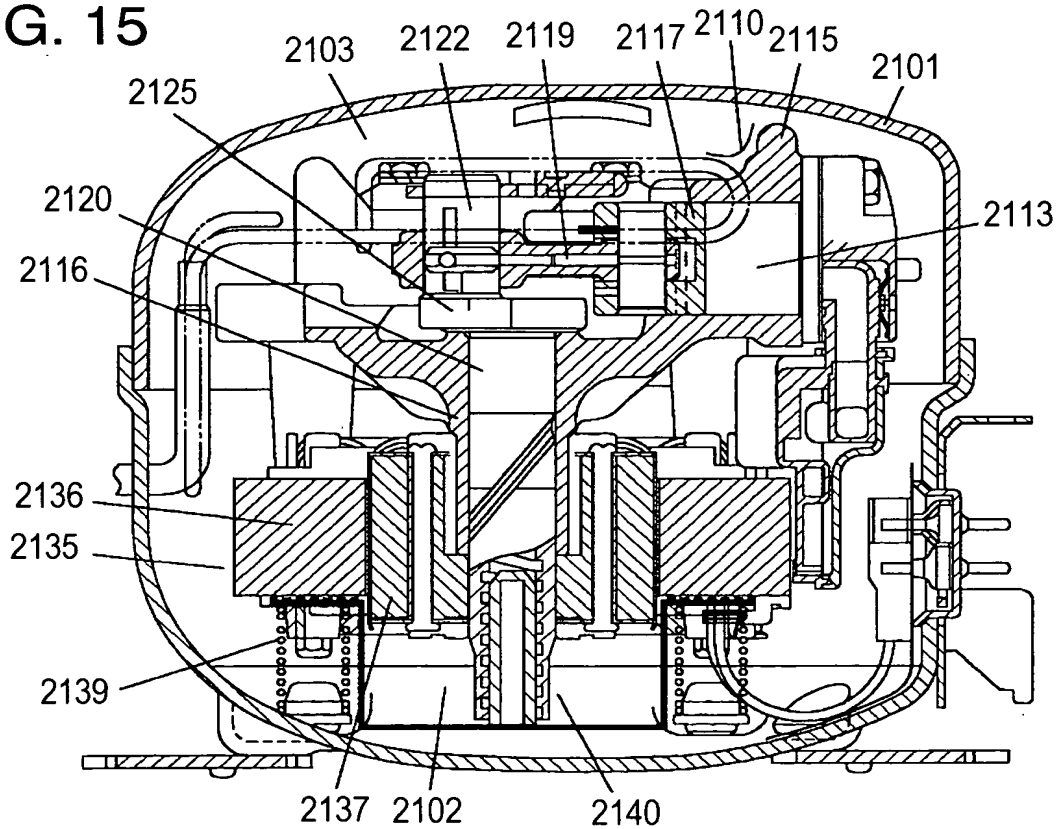


FIG. 15



9/23

FIG. 16

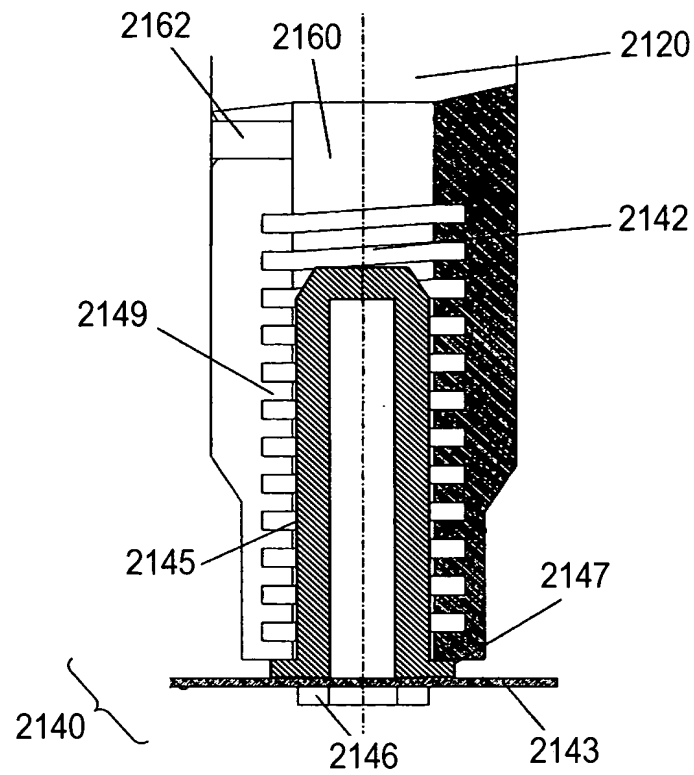
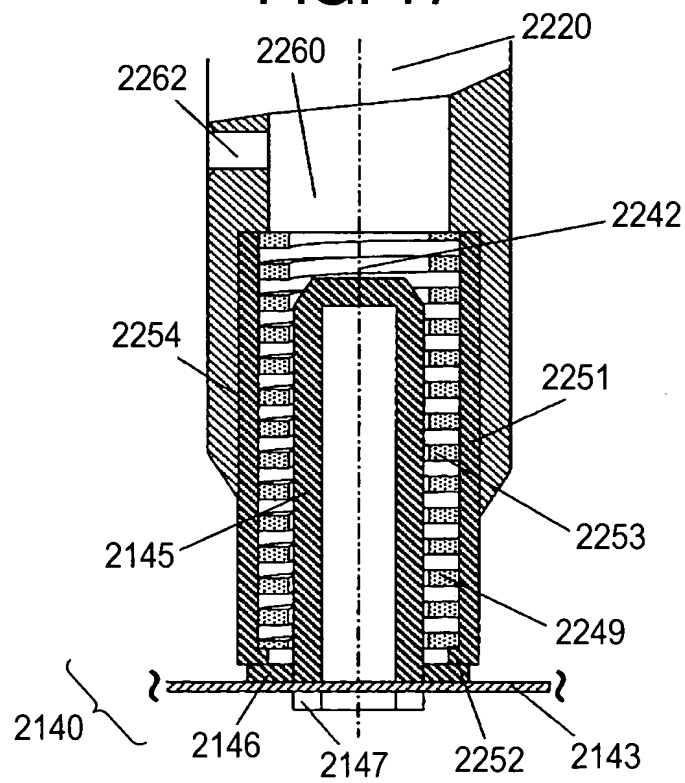
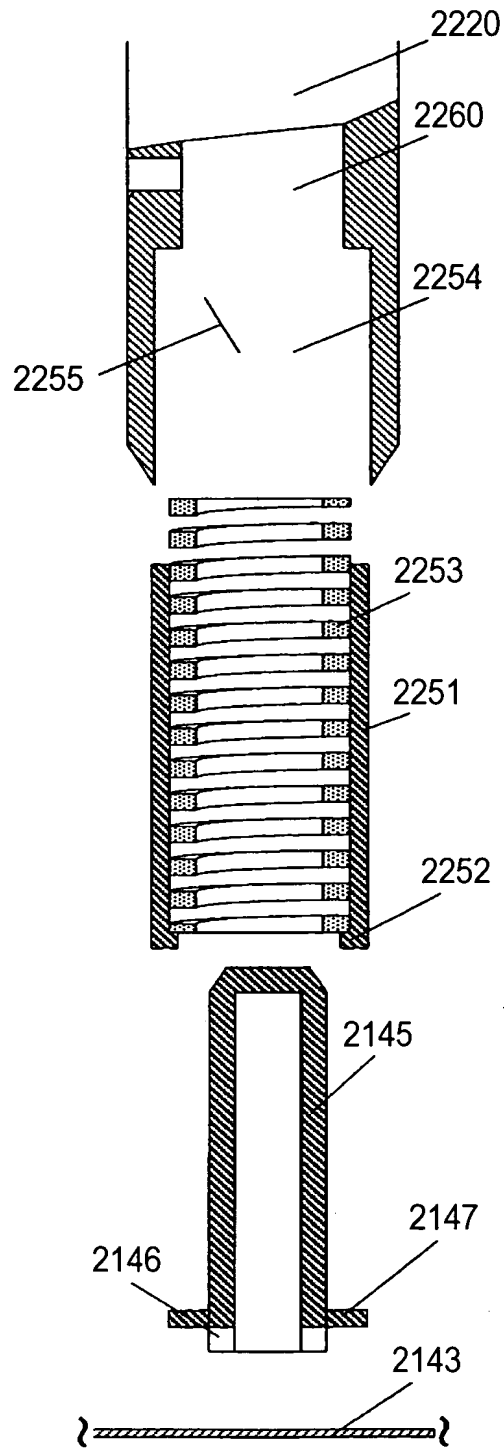


FIG. 17



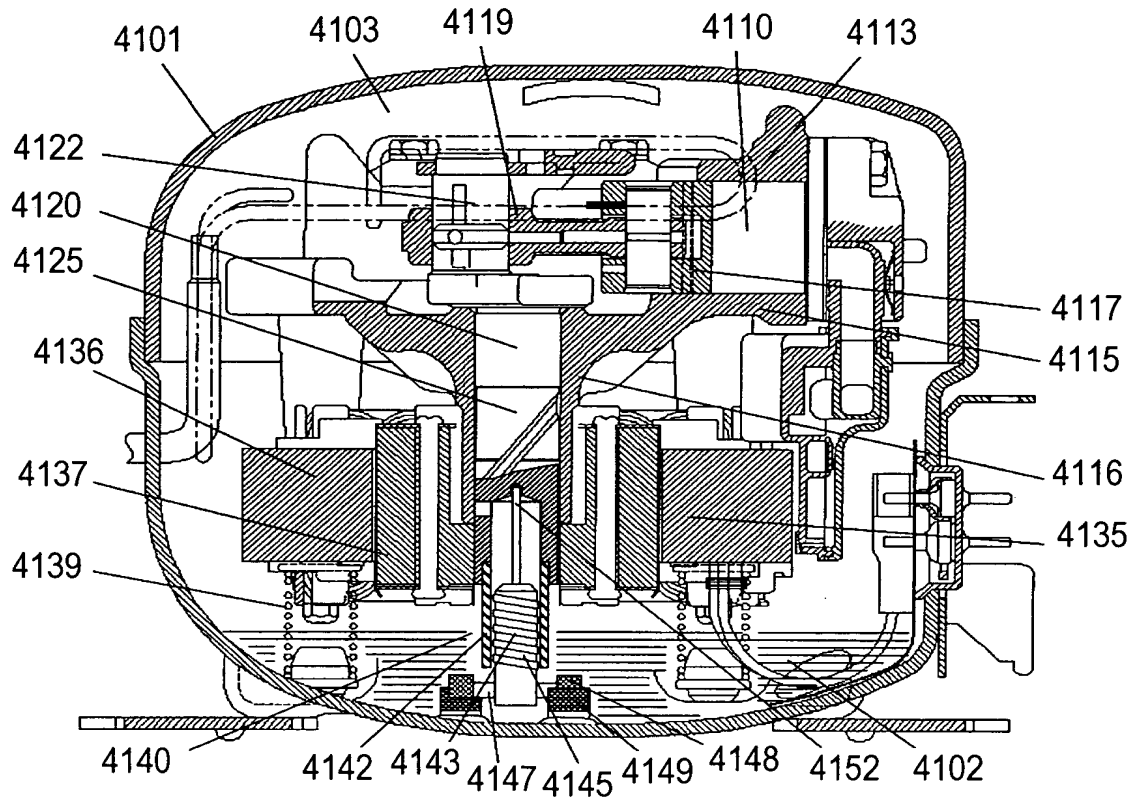
10/23

FIG. 18



11/23

FIG. 19



12/23

FIG. 20

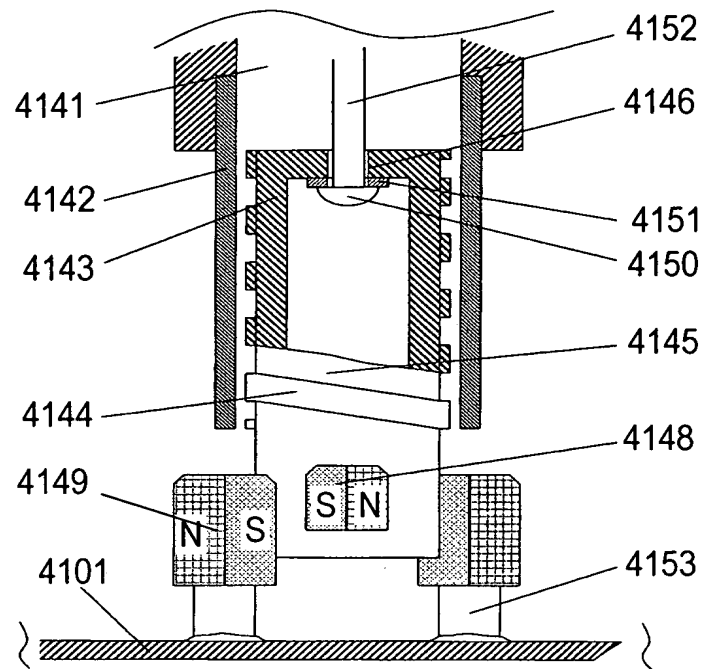
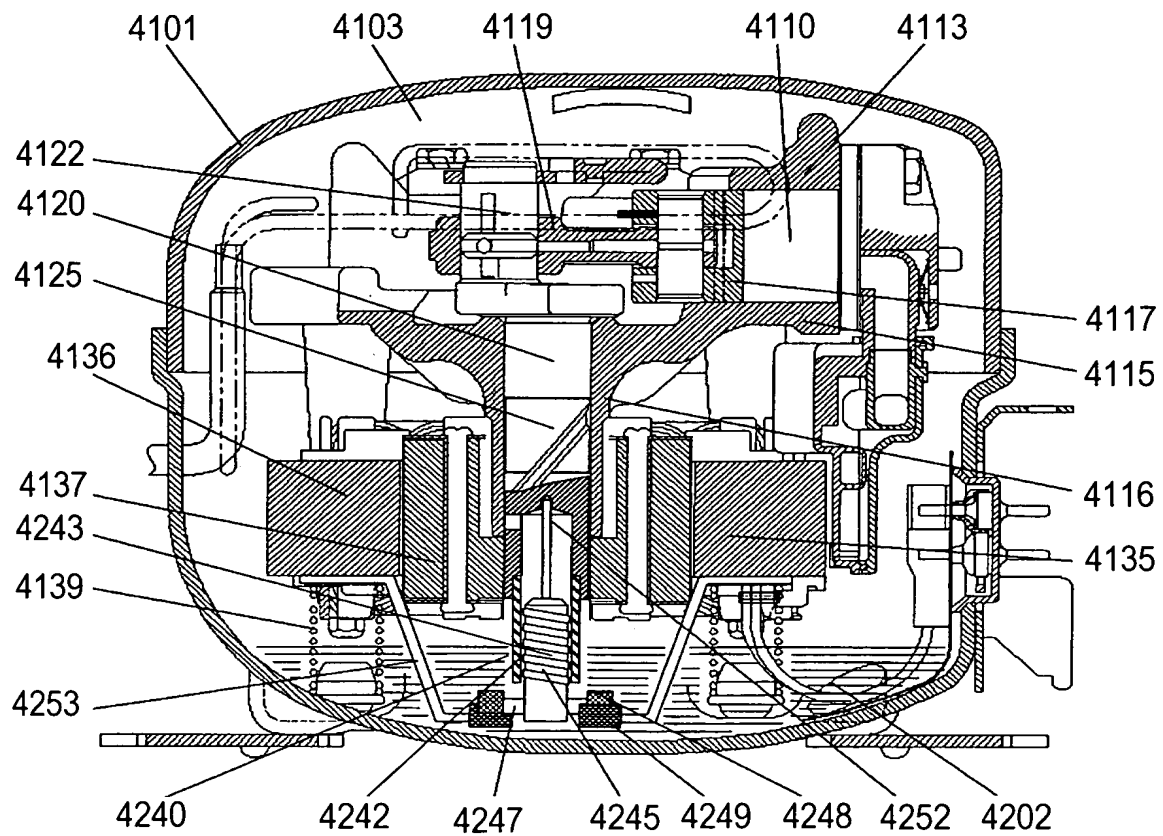


FIG. 21



13/23

FIG. 22

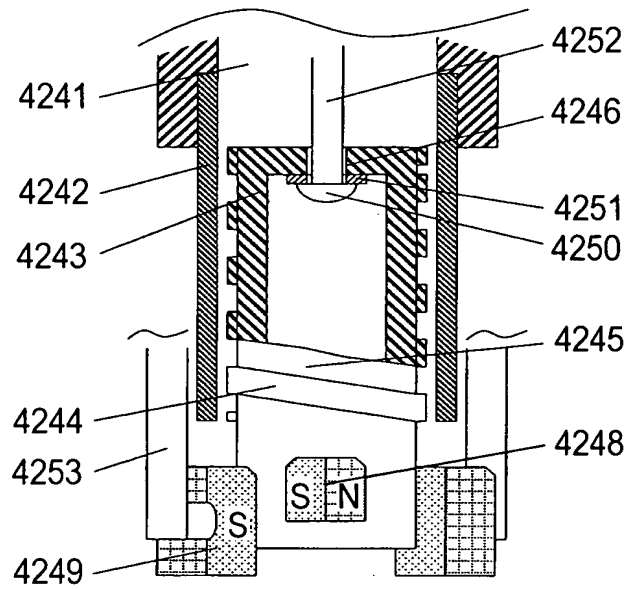
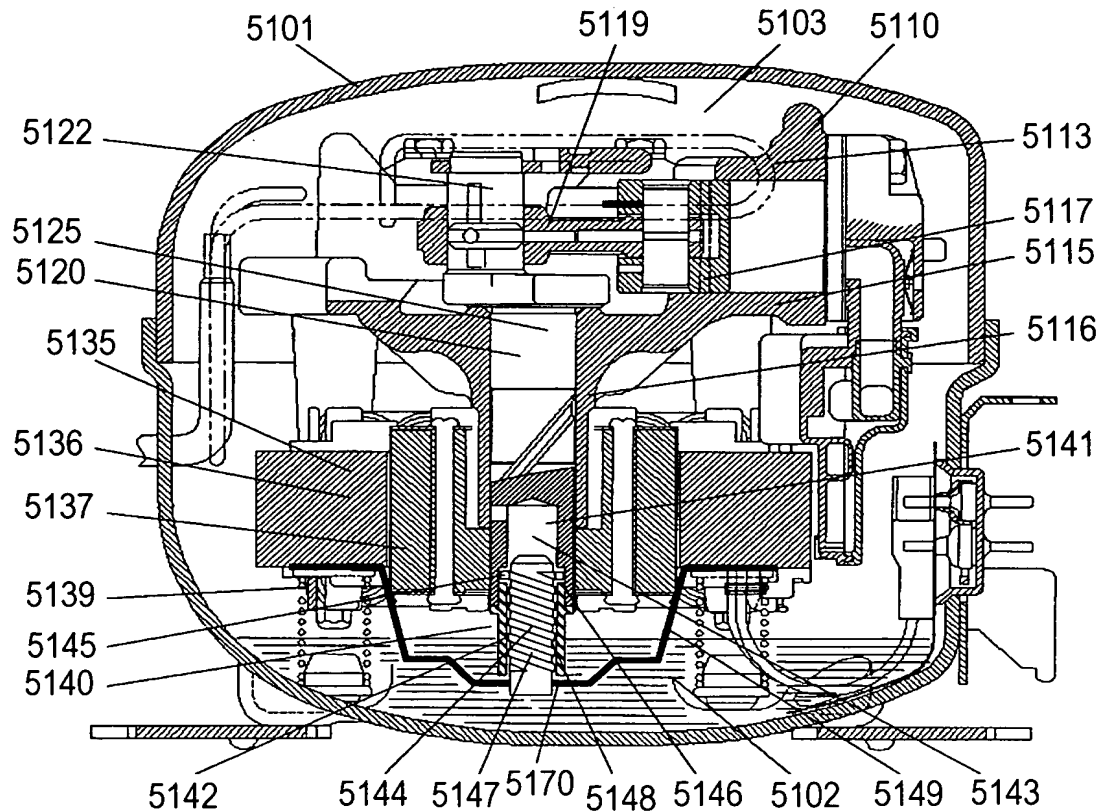


FIG. 23



14/23

FIG. 24

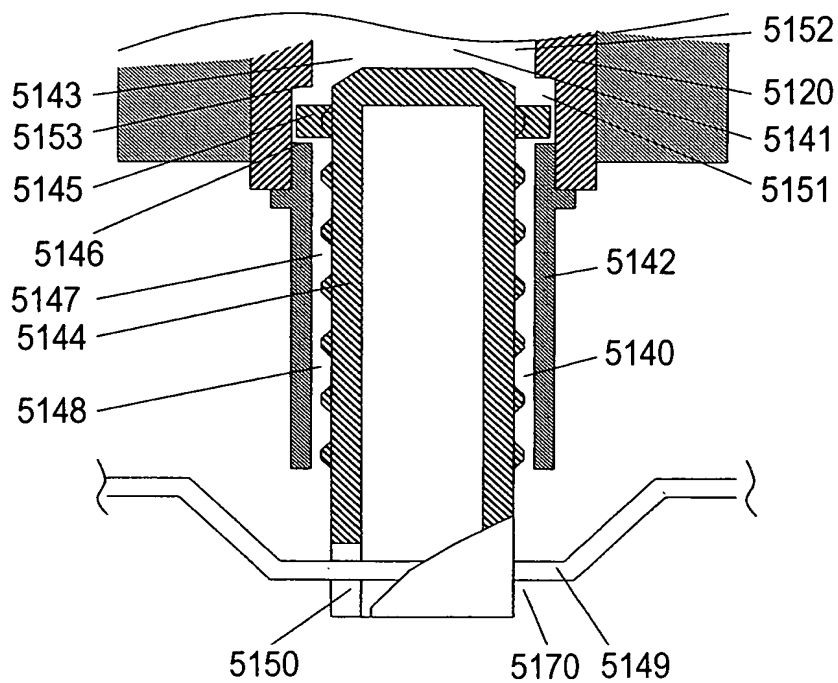
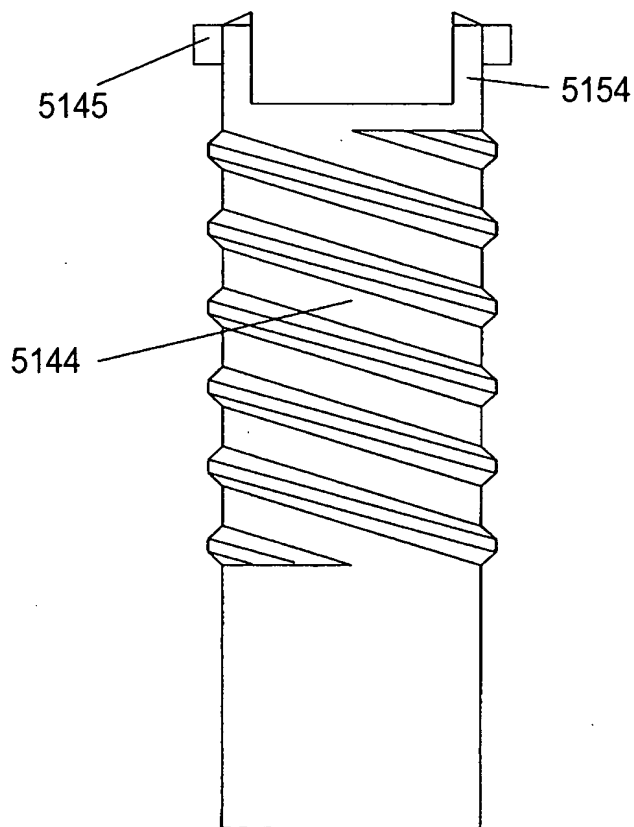
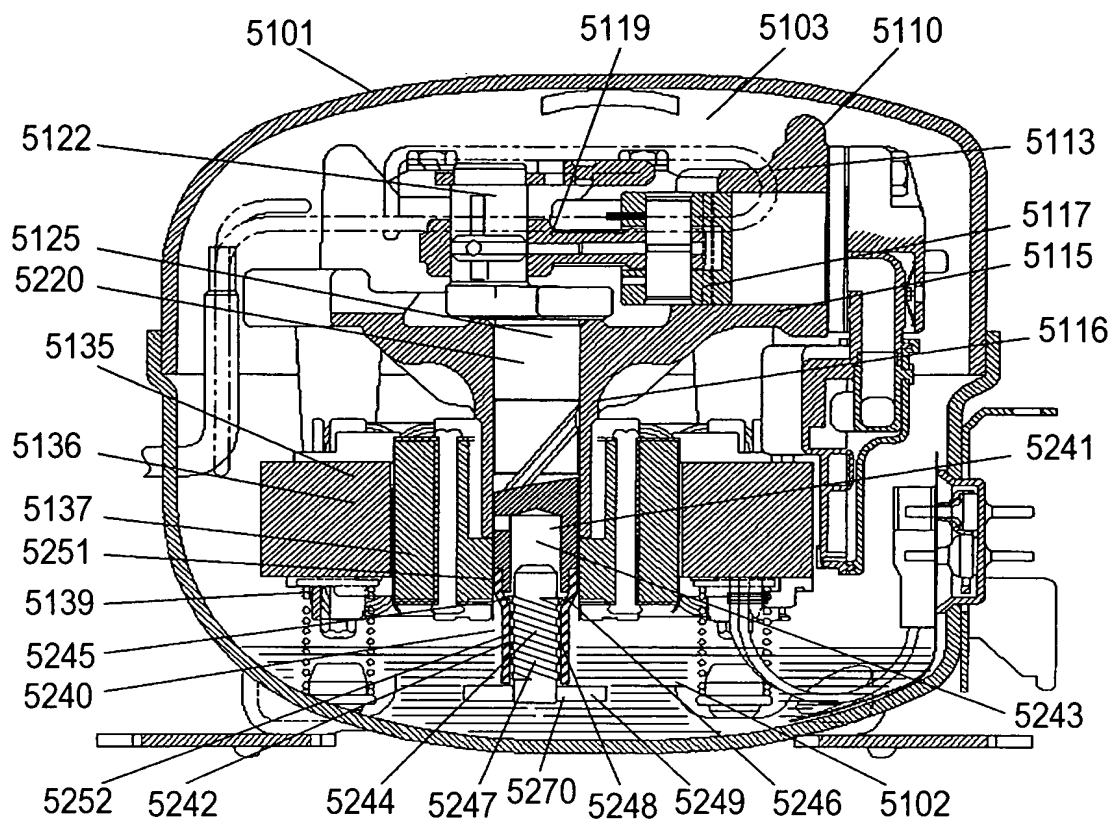


FIG. 25



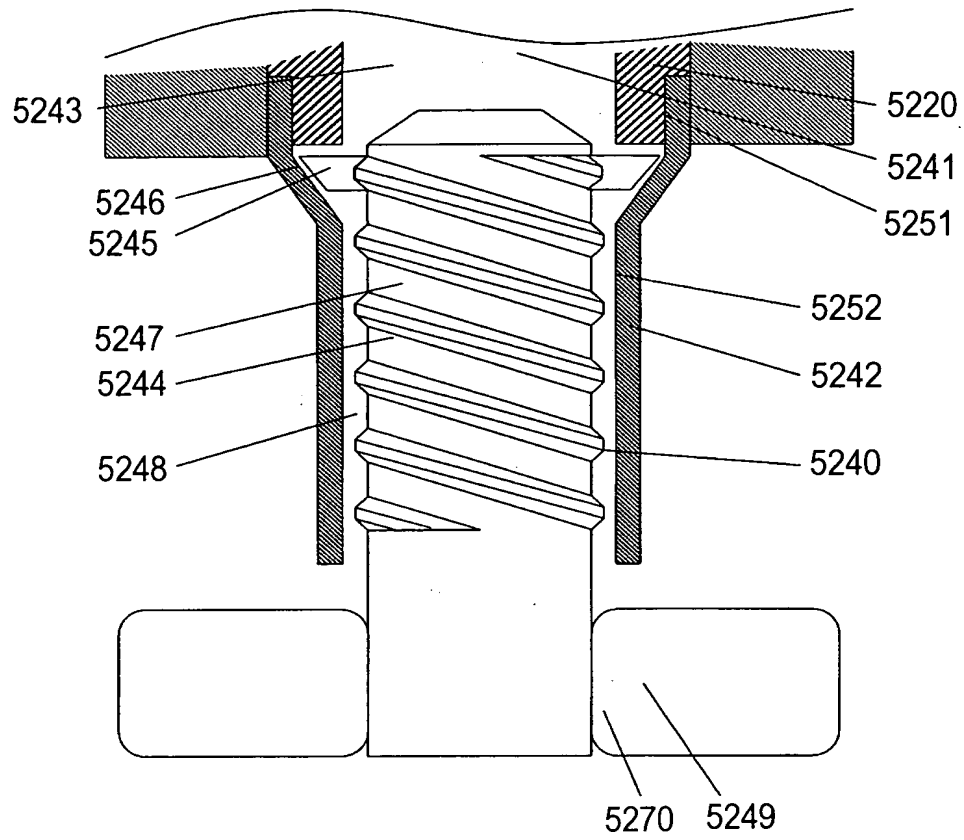
15/23

FIG. 26



16/23

FIG. 27



17/23

FIG. 28

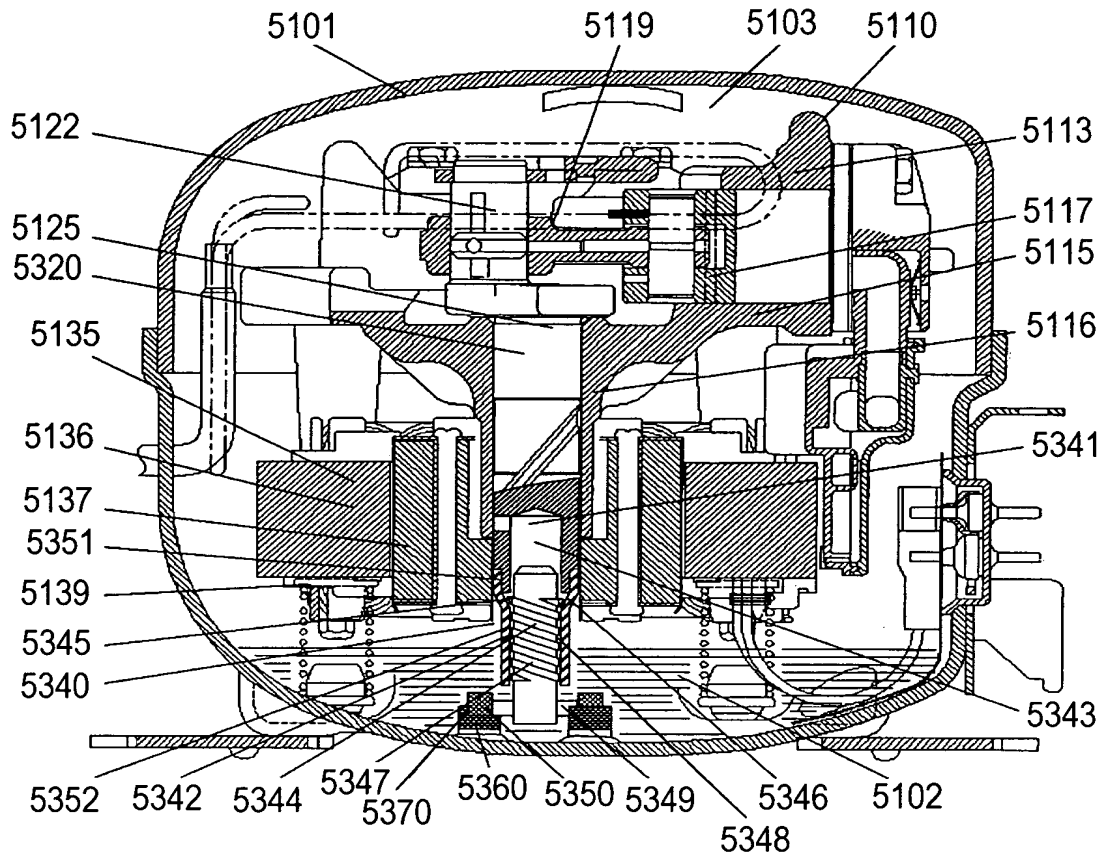
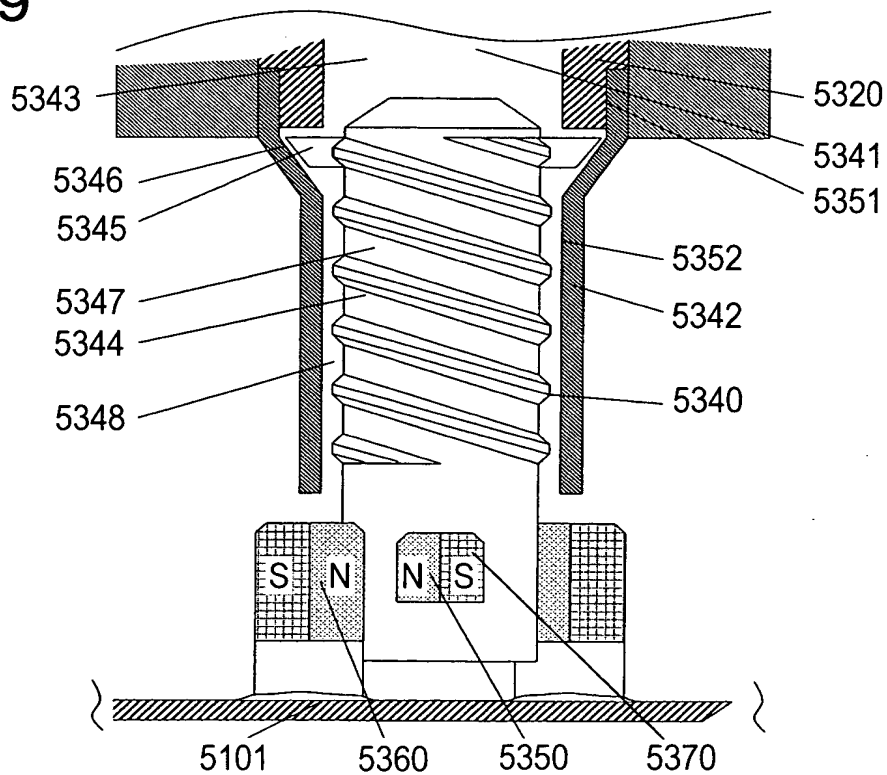


FIG. 29



18/23

FIG. 30

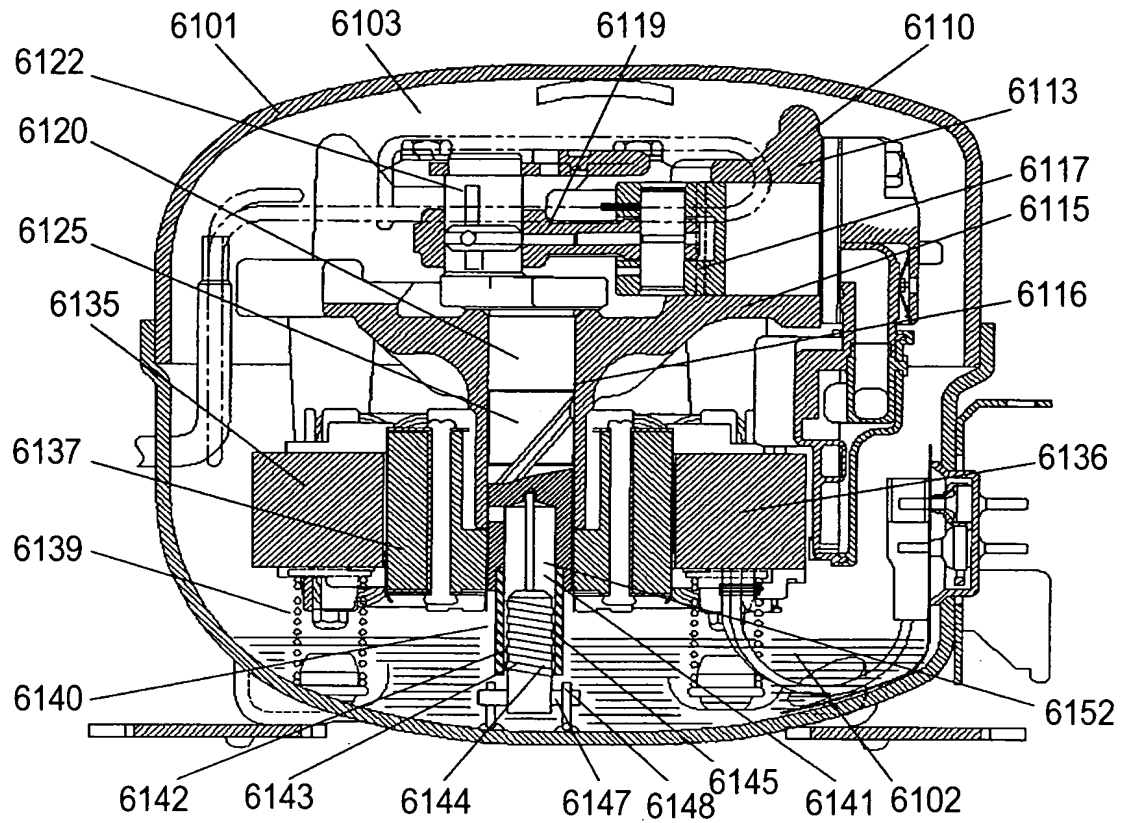
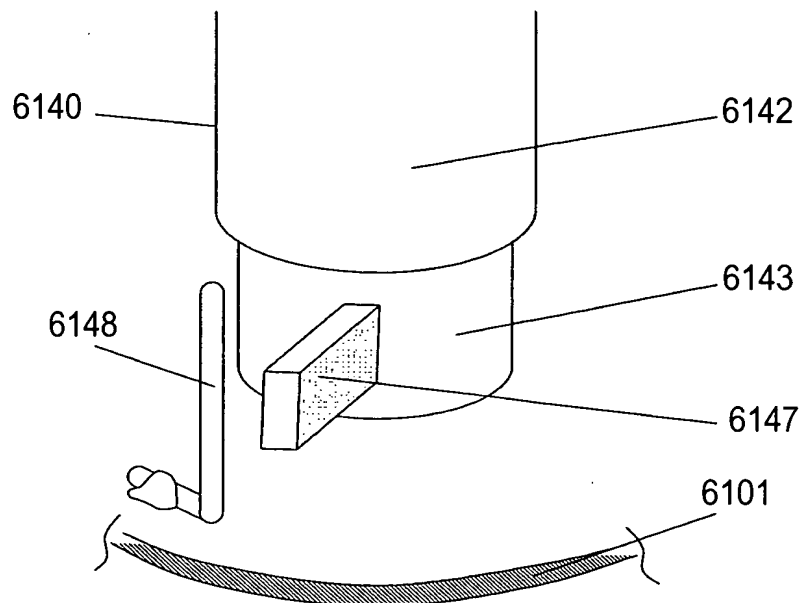


FIG. 31



19/23

FIG. 32

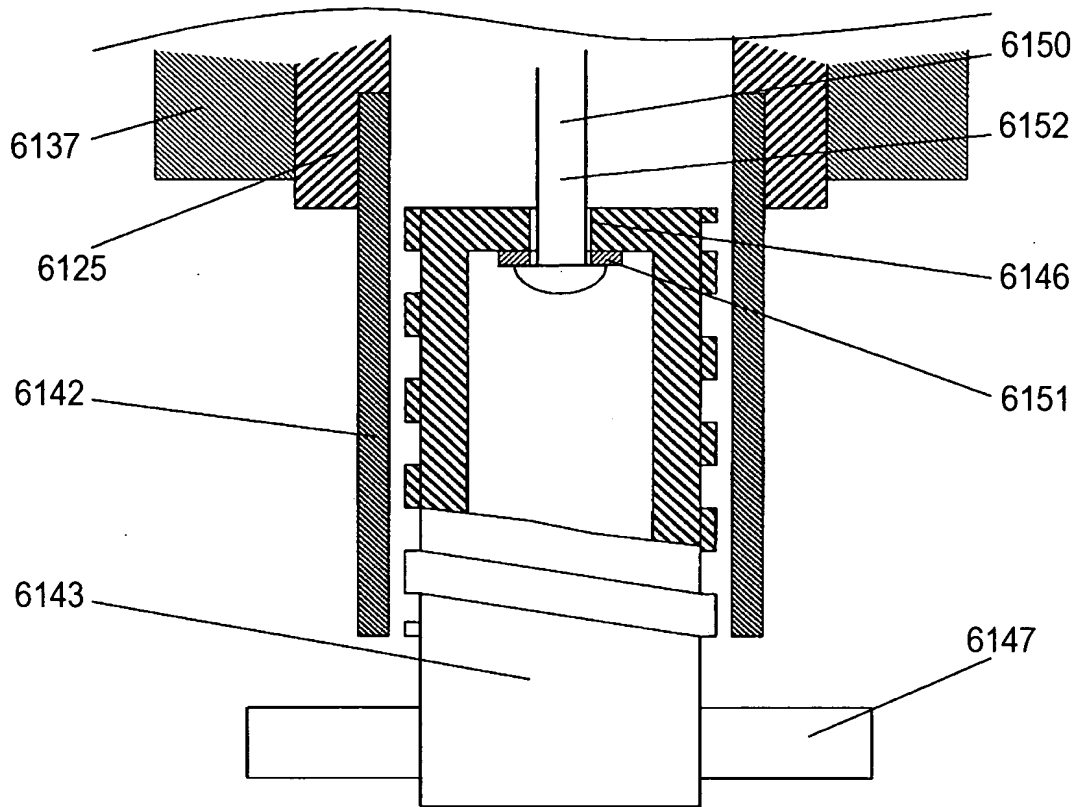
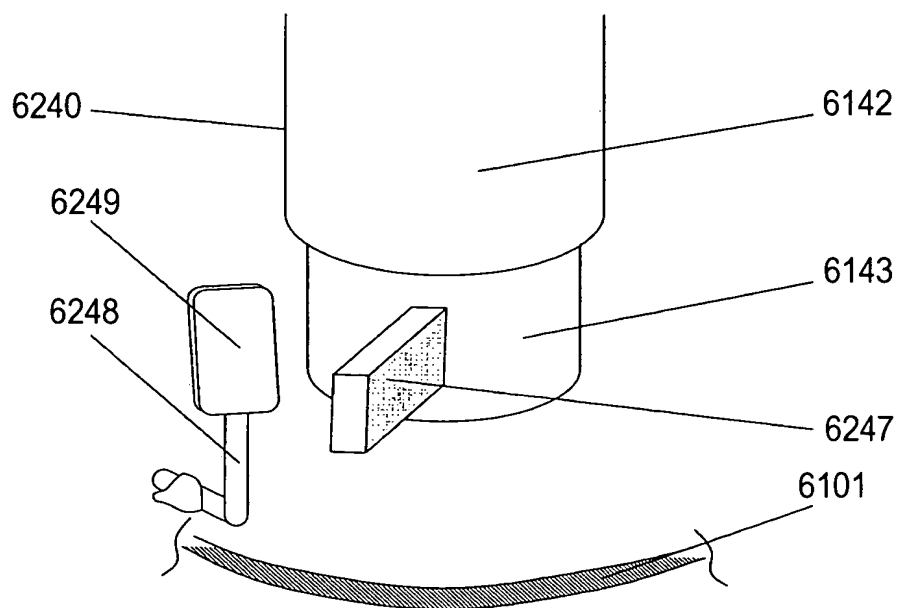
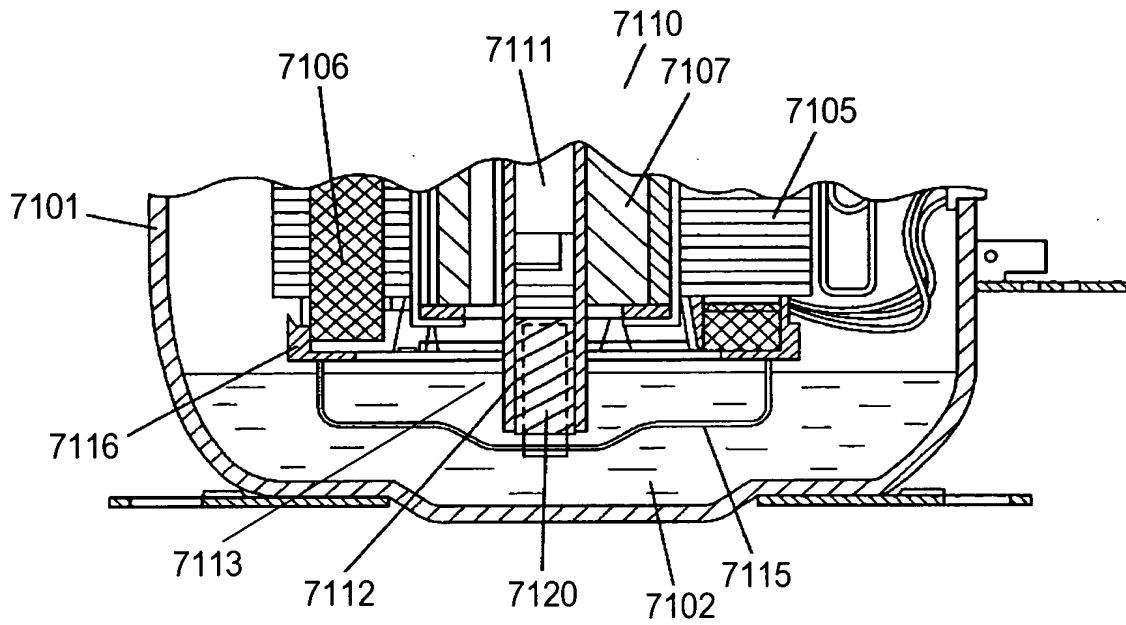


FIG. 33



20/23

FIG. 34



21/23

Reference numerals in the drawings

1101	Closed container
1102	Oil
1103	Refrigerant gas
1110	Compressing element
1125,1225,1325	Shaft
1135	Electrically-powered element
1140,1240,1340	Viscous pump
1142,1242,1342	Cylindrical hollow portion
1145,1246,1346	Insertion member
1147,1247,1347	Impellers
1150,1250,1350	Spiral groove
1152,1252	Upper region
1243,1343	Sleeve
1245	Upper surface
1345	Bottom surface
1352	Bottom region
2101	Closed container
2102	Oil
2110	Compressing element
2125,2225	Shaft
2135	Electrically-powered element
2136	Stator
2137	Rotor
2140,2240	Viscous pump
2142,2242	Cylindrical hollow portion
2143	Bracket
2145	Insertion member
3101	Closed container
3102	Oil
3103	Refrigerant
3105	Electrically-powered element
3106	Stator
3107	Rotor
3110,3210,3310	Compressing element

22/23

3111,3211,3311 Shaft
3114 Main bearing
3116,3216,3316 Main shaft portion
3130,3230,3330 Viscous pump
3132,3232,3332 Supporting member
3133,3233,3333 Insertion member
3134,3234,3334 Spiral groove
3135,3235,3335 Cylindrical hollow portion
3137,3237 Engagement hole
3139,3239,3339 Restricting means
3150,3250,3350 Second Viscous pump
3151,3251,3351 Lead groove
3336 Engagement groove
3373 Spiral member
4101 Closed container
4102 Oil
4110 Compressing element
4125 Shaft
4135 Electrically-powered element
4136 Stator
4137 Rotor
4140,4240 Viscous pump
4142,4242 Sleeve
4143,4243 Insertion member
4145,4245 Oil passage
4148,4248 First permanent magnet
4149,4249 Second permanent magnet
4152,4252 Supporting member
5101 Closed container
5102 Oil
5110 Compressing element
5125 Shaft
5135 Electrically-powered element
5136 Stator
5137 Rotor

23/23

5140,5240,5340 Viscous pump
5141,5241,5341 Hollow portion
5142,5242,5342 Sleeve
5143,5243,5343 Cylindrical hollow portion
5144,5244,5344 Insertion member
5145,5245,5345 Projection
5146,5246,5346 Receiving portion
5148,5248,5348 Oil passage
5149 Bracket
5170,5270,4370 Rotation controlling means
5249 Impeller
5251,5351 Large-diameter portion
5252,5352 Small-diameter portion
5350,5360 Permanent magnet
6101 Closed container
6102 Oil
6110 Compressing element
6125 Shaft
6135 Electrically-powered element
6136 Stator
6137 Rotor
6140,6240 Viscous pump
6142 Sleeve
6143 Insertion member
6145 Oil passage
6147,6247 First contacting member
6148,6248 Second contacting member
6152 Supporting member